

## **Faculty Profile**



**Dr. G. Nagappan.M.E., Ph.D**  
Professor and Associate Dean (SCOFT)  
Date of Joining: 04.07.2009

### **HIGHLIGHTS:**

- Number of Journal Publications: 27
- H-Index:3
- Project Funding Received: 1
- Patents Published: 15
- Patents Granted: Nil

### **PROFESSIONAL LINKS:**

- Scopus ID: 54935366800
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=54935366800>
- Google Scholar ID: <https://scholar.google.co.in/citations?user=1xsM-P4AAAAJ&hl=en>
- Anna University Faculty ID:
- AICTE Faculty ID:
- Anna University Supervisor ID:
- LinkedIn: <https://www.linkedin.com/in/dr-nagappan-govindarajan-2258b534>

### **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 21 years
- Administrative Experience : 4 Years as HOD, 6 Months as Associate Dean

### **INTERNATIONAL EXPOSURE:**

- Referee for Faculty Promotion Portfolio – King Saud University, Riyadh, Kingdom of Saudi Arabia
- Research collaboration with Dr. Edward Danso Ansong, University of Ghana, Africa
- Consultancy collaboration with Mr. Muruga Laxmanan, Information Security Officer, PCCW Solutions, Singapore.
- Consultancy collaboration with Mr. Shreyas Raghunath, Associate Software Engineer, Fox Corporation, Cincinnati, Ohio, United States

**AREA OF SPECIALIZATION:**

- Smart Computing
- Pervasive Computing
- Robotic Process Automation
- Intelligent Transportation System

**SPONSORED RESEARCH / FUNDING APPLIED / CONSULTANCY:**

- Akash Project Coordinator - NMEICT project of IIT Bombay and Kharagpur, MHRD, GOI
- Remote Center Coordinator - NMEICT project of IIT Bombay and Kharagpur, MHRD, GOI
- Spoken Tutorials Coordinator - IITB - FOSS Project, MHRD, GOI
- AICTE Funded International Conference - ICRACS'2023 with Taylor & Francis Proceedings
- Project investigator for IITB - E-Yantra Robot Project & Aishu Semi-humanoid Robot for AVON Corporation, Mumbai
- Fully Automatic Mehendi Drawing Machine for Mylangee Arts
- Web Application Development for Sri Saravanan Traders, Chennai
- NETMON – Network Monitoring Tool for Enterprise Networks

**PATENTS PUBLISHED/GRANTED:**

- IoT BASED SMART SCHEDULE REMAINDER AND WORK PROGRESS GENERATOR ON DAILY BASIS TO IMPROVE THE EMPLOYEE'S WORK EFFICIENCY - 202141008103 - 05.03.2021
- AUTOMATED AI BASED PLANT DISEASE PREDICTION AND CURABILITY REMEDY SUGGESTION TO FARMERS - 202141016469 - 07.04.2021
- A BLOCKCHAIN BASED ARTIFICIAL IOT DATA ACQUISITION IN EDGE COMPUTING ENVIRONMENT - 202241042049 - 29.07.2022
- A SYSTEM WITH MACHINE LEARNING TO DIAGNOSE AUTISM AT AN EARLIER STAGE - 202241042291 - 29.07.2022
- AN ARTIFICIAL INTELLIGENCE BASED CRUTCH FOR HANDICAPPED - 202341001269 - 13.01.2023
- A MACHINE LEARNING MODEL FOR PREDICTING AIR QUALITY AND CONTROL THE SAME - 202341001671 - 20.01.2023
- ANN BASED DEVICE FOR READING MOOD AND MIND - 202341002412 - 17.2.2023

- AUTOMATIC PET EMOTION PREDICTION DEVICE USING ARTIFICIAL INTELLIGENCE - 202341004554 - 17.02.2023
- IOT BASED SMART WATER BOTTLE FOR VISUALLY IMPAIRED PEOPLE - 202241072055 - 30.12.2022
- A COMPATIBLE PLATFORM FOR HEALTHCARE APPLICATIONS BASED ON INTERNET OF MEDICAL THINGS - 202241071726 - 30.12.2022
- BLOCKCHAIN SECURE INTERFACE FOR IOT DEVICE SECURITY GATEWAY ARCHITECTURE - 202241076319 - 06.01.2023
- A NOVEL CROSS-BUILDING ENERGY PREDICTION USING A COMBINATION OF DEEP TRANSFER LEARNING APPROACH - 202241072705 - 30.12.2022
- PLANTAIN TREE CULTIVATION UTILIZES A DEEP LEARNING MODEL OF SEQUENTIAL IMAGE CLASSIFIERS FOR CROP DISEASE DIAGNOSIS - 202241074035 - 13.01.2023
- AN IOT BASED VOICE ASSISTANT DEVICE WITH ARTIFICIAL INTELLIGENCE TO ASSIST VISUALLY IMPAIRED PERSON - 202241075461 - 30.12.2022
- SYSTEM AND METHOD FOR TREE ROOT CONDITION IDENTIFICATION TO SAFEGUARD AGAINST RAIN AND STORM HAZARDS - 202341042169 - 01.09.2023
- A SYSTEM AND METHOD FOR SEMI AUTOMATIC MAGAZINE BASED TOOL CHANGING MECHANISM IN EARTH MOVING VEHICLES - 202341051874 - 01.09.2023

#### **COURSES CERTIFIED:**

- IUCEE Certified Engineering Educator
- High Impact Teaching Skill certified by Wipro Mission 10X and Dale Carnegie University
- Cisco Certified Network Professional
- IITM - Teaching Learning Centre certified Engineering Teacher

#### **ACHIEVEMENTS AND AWARDS:**

- **“Inayaana Inayar”** award from Dr. J. G. Kannappan Vasuki Charitable Trust on 15.12.2024 during DR. J.G.K Memorial Lecture.
- **“Arivu Kalanjiyam Kudumba Award 2024”** from MTS Academy, Chennai , Tamil Nadu Open University and Bharathiya Vidya Bhavan, Chennai on 16.11.2024
- **“Education Hero Award”** from Education Growth Network (EGN) India , on 07 Dec 2023

- **“Arivu Kalanjiyam Kudumba Award 2023”** from MTS Academy, Chennai , Nehru Yuva Kendra, GoI and Bharathiya Vidya Bhavan, Chennai on 04.11.2023
- **“Aram Achiever Award 2023”** from Aram Seiyya Virumbu Foundation and OXFAA University on 28 May 2023
- **“ Thirukkural Neri Thondar”** award from Mylai Thiruvalluvar Tamil Sangam in 2020
- **‘Bronze Partner‘** award from INFOSYS for his involved contributions in CAMPUS CONNECT Program
- Top Finalist for **‘Best Techno Faculty’** award in ICTACT – BRIDGE 2014
- **‘Jewel of Saveetha‘** award from Saveetha Management
- **‘Best NSS Unit and Programme Officer’** award from Honorable Governor of Tamil Nadu, His Excellency Surjit Singh Barnala, for year 2006 indicating his high dedication, efficiency and outperformance amongst peers.

#### **RECENT SPECIAL SESSIONS DELIVERED:**

- Guest speaker for International Level Symposium on Role of Computer Technologies in Modern Tamil Research- " held on 23rd November 2023 at SRM Ramapuram
- Deliver a Talk at the All India Seminar on "RESEARCH AVENUES OF IoT AND CLOUD FOR INTELLIGENT APPLICATIONS" on 15th June 2023 at IEI Student Chapter of Sathyabama Institute of Science and Technology.
- Delivered a Guest Lecture on “Compiler Design “ on 15 March 2023 at SRM Ramapuram
- Keynote session on “Effect of Disruptive technologies on Transforming Lives” delivered at DG Vaishnav College, Chennai during International Conference on Applied Mathematics and Computing ICAMC 2023 on 28 Feb 2023.
- Chief Guest and Keynote Speaker of the International Conference on Recent Advances in Computer Science and Information Technology (ICRACSIT ‘ 23) held during April 2023 at JJ College of Engineering and Technology, Thiruchirapalli.
- Guest Speaker for the event “UYARVUKKU UYAR KALVI” on“ CLOUD COMPUTING & CYBER SECURITY “ in Hindu Tamil Thisai - Digital Media on 23rd July 2021
- Conducted an One day Workshop on “Recent Pedagogy and ICT Tools for Outcome Based Education” for Faculty members of SRM Ramapuram on 28.2.2022
- Conducted an One day Faculty Development Program on “Recent Pedagogy and ICT Tools for Outcome Based Education” for Faculty members of DMI College of Engineering on 2.2.2022
- Invited Speaker and Technical Committee member of International Conference on Applied Mathematics and Computing (ICAMC 2023) held during March 2023 at DG Vaishnav College, Chennai.

## **CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- Advisory board member of National level Conference on Research in Emerging Areas-2023 (NACORE '23) held during April 2023 at Kerala.
- Proactive part of Workshop on Developing Educational Leadership organised by VIRTUSA in August 2022 at Chennai.
- Part of Infosys Campus Connect Conclave 2021 held during December 2021.
- Member of Indo-Universal Collaboration for Engineering Education - IUCEE Leadership Summit – 2021 on 9-11 July 2021
- Part of Saveetha Surgical Innovation Hackathon – 2019 on 11-12 March 2019
- Part of “First Abdul Kalam Conference on Sustainable growth” held at IIT Madras IUSSTF during 11-14 July 2019.
- Part of “The Future of Higher Education - Leadership Conclave” by AICTE held in Feb 2019
- Technical Program Committee member of “World Innovation and Computing Congress (WICC) 2018” held during 22-24 March 2018 at Coimbatore.
- Remote Center Coordinator for IITB & IITK NMEICT Project– Organised 30 FDPs Sponsored by MHRD, GOI
- IACSIT- International Association of Computer Science and Information Technology – Member and International Journal Reviewer
- Invited to be Session Chair, Judge and to deliver Guest Lectures at various reputed colleges and Universities during various occasions.
- Executive committee member of International & National Conferences, Workshops and Seminars at SEC, DMICE & Sona.

## **PROFESSIONAL MEMBERSHIPS:**

- Indian Society for Technical Education (ISTE) – Life Member – Since 2006
- International Association of Computer Science and Information Technology (IACSIT) - Member
- Internet Society – Individual Life Member
- Cryptology Research Society of India – Life Member
- ACM - Computer Science Teachers Association (CSTA) Member 4426126
- International Association of Engineers (IAENG) – Member
- Transportation Research group of INDIA – Life Member ID – 60

**OTHER DETAILS (If any):**

- Authored Book Titled 'Database Management System' published by Anna University, Centre for Distance Education, Chennai -25 – as course material for M.Sc. ( Information Technology ) & M.Sc. (Computer Science) in 2008
- Authored Book Titled 'Programming and Data Structures' published by Sams Publishers, Chennai in 2016